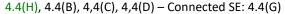
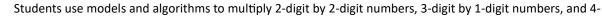
TEKS Cluster: Whole Number Operation **TEKS Subcluster:**

Activities Summary:

Multiplication of Whole Numbers Student Expectations:





digit by 1-digit numbers. Activities may be organized and delivered in two topics: Two-Digit by Two-Digit

Multiplication and Three- and Four-Digit by One-Digit Multiplication.

Activity Title Student Expectations	Activity Topic	Туре			Delivery		
		new learning	intervention	practice	teacher-facilitated	small groups	stations
	Two-Digit by Two-Digit Multiplication						
Model Mania 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	2-Digit by 2-Digit with Concrete Models, Arrays, and Area Models, and Estimation Students estimate products, then use concrete models, arrays, and area models to solve problems.	✓	✓		✓		
What Are You Doing? 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	2-Digit by 2-Digit with Area Models, Partial Products, and Standard Algorithm Students estimate products, then use area models, partial products, and the standard algorithm to solve problems.	✓	✓		✓		
Testing the Sparkle Box 4.4(B), 4.4(C), 4.4(D), 4.4(H)	2-Digit by 2-Digit with Partial Products and Standard Algorithm Students find mistakes in problems solved using area models, partial products, and the standard algorithm.	✓	✓		✓		
Perfect Squares 4.4(B), 4.4(C), 4.4(D), 4.4(H)	2-Digit by 2-Digit with Partial Products and Arrays Students learn that when you multiply a number by itself, you create a square. Students multiply a number by itself using partial products and arrays.	~	✓		~		
	Three- and Four-Digit by One-Digit Multiplication						
Welcome to Elf Country 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	3-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm Students estimate products, then use area models, partial products, and the standard algorithm to solve problems.	✓	✓		✓		
The Robot Assistant 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	3-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm Students estimate products, then use area models, partial products, and the standard algorithm to solve problems.		✓	✓		✓	
Rocky Road 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	4-Digit by 1-Digit with Area Models, Partial Products, and Standard Algorithm Students estimate products, then use area models, partial products, and the standard algorithm to solve problems.	~	✓		~		
Lucy Dynamic's Invention 4.4(B), 4.4(C), 4.4(D), 4.4(G), 4.4(H)	4-Digit by 1-Digit with Partial Products and Standard Algorithm Students estimate products, then use partial products and the standard algorithm to solve problems.		✓	✓		√	